MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

OCTOBER 1950

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

OCTOBER 1950

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	62.0	60.1	60.0	60.7	30.4	21.6	27.7	30.4	27.8	28.6
2	55.9	59.3	60.0	58.4	27.6	21.2	26.1	25.6	22.2	24.6
3	60.2	59.5	60.4	60.0	28.6	22.5	25.5	28.3	23.9	25.9
4	60.8	60.2	60.9	60.6	28.2	23.3	25.6	28.1	24.4	26.0
5	61.3	60.6	61.2	61.0	28.7	22.8	25.6	27.9	24.3	25.9
6	60.3	59.2	58.8	59.4	28.0	18.6	25.5	27.8	24.4	25.9
7	56.9	55.6	54.8	55.8	26.3	18.5	23.3	26.2	23.5	24.3
8	56.8	57.8	59.5	58.0	25.2	18.9	22.1	25.0	20.5	22.5
9	60.6	59.5	60.0	60.0	26.0	20.5	22.2	25.9	22.0	23.4
10	61.0	61.1	62.3	61.5	27.4	21.5	23.9	26.9	22.2	24.3
11	62.2	60.5	62.5	61.7	29.0	22.3	25.4	29.0	24.8	26.7
12	63.2	61.5	61.1	61.9	28.5	21.6	24.9	25.6	23.4	24.6
13	61.2	59.8	60.1	60.4	27.0	20.8	24.4	27.0	22.7	24.7
14	60.2	59.6	60.1	60.0	26.5	20.0	23.4	26.2	21.7	23.8
15	60.5	60.5	61.0	60.7	25.7	19.8	23.4	23.9	21.8	23.0
16	61.4	61.2	62.2	61.6	24.9	18.6	22.1	23.9	21.2	22.4
17	62.3	61.0	60.5	61.3	24.8	20.3	21.0	24.6	22.8	22.8
18	59.5	58.0	57.8	58.4	26.6	21.7	23.4	26.3	23.6	24.4
19	58.1	57.2	57.3	57.5	27.3	20.3	23.9	26 2	22.5	24.2
20	58.7	57.6	57.9	58.1	25.0	19.7	21.0	24.1	21.2	22.1
21	57.6	58.6	59.6	58.6	24.0	16.2	23.3	18.3	16.6	19.4
22	61.4	61.7	62.8	62.0	23.0	17.4	19.6	22.3	18.6	20.2
23	62.9	62.1	63.3	62.8	24.0	17.4	21.3	23.3	20.7	21.8
24	63.9	63.0	63.1	63.3	22.9	19.4	20.4	22.2	21.1	21.2
25	62.5	61.0	61.5	61.7	26.2	22.2	22.3	25.7	23.7	23.9
26	61.9	61.7	62.8	61.1	26.6	20.8	25.5	26.1	21.8	24.5
27	63.5	62.3	61.8	62.5	25.6	19.5	23.3	25.2	21.9	23.5
28	61.8	60.9	61.4	61.4	24.9	20.8	22.3	24.4	22.4	23.0
29	61.9	60.2	60.7	60.9	24.9	21.0	22.4	24.4	23.0	23.3
30	62.8	62.2	62.6	62.5	25.6	20.0	22 4	25.6	21.5	23.2
31	62.5	61.6	61.7	61.9	24.6	19.9	21.7	24.1	21.6	22.5
	60.83	60.16	60.64	60.51	26.26	20.30	23.38	25.48	22.38	23.76

Barometer, range for month 763.9 mm. — 754.8 mm.

,, 71-yr. average for month 761.31 mm.

Thermometer, range for month 30.4°C —16.2°C

,, 71-yr. average for month 24.51°C.

Rain total for month 91.43 mm.

,, 71-yrs. average for month 50.02 mm.

,, Tolal, Sept. 1st. to end of month 94 22 mm

,, 71-yr. average, Sept. 1st. to end of month 56 21 mm

OCTOBER 1950

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	23.7	26.4	25.1	25.1	63	60	67	63	8.7	418.0	
2	22 4	24.2	22.6	23.1	66	74	84	75	7.2	238.0	26.16
3	22.8	31.8	23.3	26.0	70	82	78	77	8.5	32.0	
4	26.2	25.3	26.5	26.0	80	67	87	78	9.1	37.0	
5	24.1	24.9	22.8	23.9	75	67	75	72	7.8	32 0	
6	24.1	23.6	20.6	22.8	74	64	67	68	6.1	138.0	
7	20.5	18.4	22.7	20.5	71	54	76	67	3.6	531.0	32.00
8	17.0	15.5	13.7	15.4	64	49	56	58	9.2	161.0	2.79
9	13.5	14.8	12.3	13.5	50	45	47	47	9.4	217.0	
10	16.6	20.1	14.0	16.9	56	57	50	54	8.7	251.0	
11	20.1	21.8	20.4	20.8	62	54	65	60	7.2	322.0	0.25
12	21.1	23.5	22.2	22.3	67	67	77	70	6.8	264.0	
13	21.1	20.6	19.0	20.2	69	57	69	65	8.2	293.0	
14	19.2	17.2	18.4	18.3	66	51	71	63	8.8	283.0	
15	15.9	20.3	17.5	17.9	56	66	67	63	7.0	272.0	
16	15.6	17.7	15.3	16.2	59	60	61	60	7.3	367.0	
17	11.1	14.1	14.0	13.1	45	45	50	47	9.0	483.0	
18	16.5	21.9	20.5	19.6	60	61	70	64	9.4	315.0	
19	16.5	22.3	22.0	20.3	56	66	81	68	9.1	175.0	
20	22.4	21.2	18.8	20.8	91	71	79	80	3.1	187.0	5.85
21	15.9	19.7	15.8	17.1	56	94	84	78	2.8	460.0	12.70
22	15.0	15.1	14.7	14.9	66	57	69	64	6.9	496.0	11.68
23	16.4	17.3	18.1	17.3	65	60	74	68	7.3	290.0	
24	14.0	12.3	11.3	12.5	57	46	45	49	9.2	579.0	
25	14.3	16.0	10.8	13.7	53	47	36	45	9.5	515.0	
26	10.0	16.2	16.3	14.2	30	48	63	47	9.6	208.0	
27	15.9	21.5	19.7	19.0	56	67	74	66	9.7	163.0	
28	18.6	18.4	20.4	19.1	70	60	75	68	7.0	158.0	
29	14.3	21.8	18.4	18.2	53	71	65	63	8.6	311.0	
30	15.3	19.2	22.0	18.8	57	59	86	67	7.3	192.0	
31	15.0	18.1	18.9	17.3	58	61	72	64	6.7	92.0	
	17.91	20.04	18.65	18.87	62.0	60.9	68.4	63.8	7.70	273.87	2.95

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m ; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	4cu-st	1.3	2sw	2sw	1sw	light	
2	8cu-ni	4cu	8ni	6.7	1s	3sw	2sw	,,	
3	2cu	1cu-st	5cu-ni	2.7	1s	1w	1w	,,	
4	1cu	0	0	0.3	1s	1nw	1s	,,	
5	3cu	3cu	0	2.0	1sw	1nw	1nw	light	
6	9cu-ni	4cu	4cu	5.7	1w	2w	2sw	,,	Tr. a.m.
7	7cu-ni	5cu-ci	10cu-ni	7.3	4sw	4sw	5nw	mod.	T. a.m. W. all day
8	3cu	0	0	1.0	1se	1ne	2nw	slight	Excellent visibility
9	0	0	1cu	0.3	1e	1ne	1n	light	,, ,,
10	0	0	0	0.0	1sw	1w	1sw	light	,, ,,
11	9cu-st	1cu	0	3.3	2ne	3ne	2ne	slight	W. p.m.
12	4ci	8cu-st	0	4.0	1e	3ne	1e	light	
13	4cu	1cu	3cu	2.7	3sw	1sw	1sw	,,	
14	5cu	0	3cu	2.7	2sw	2sw	1sw	slight	
15	3cu	6cu-ni	0	3.0	1sw	2sw	2sw	slight	
16	6cu	2cu	0	2.7	2sw	2n	4n	,,	W. all day
17	0	0	0	0.0	3ne	2ne	4ne	,,	Excellent visibility
18	0	0	0	0.0	1sw	1ne	3ne	light	
19	5ci	0	3cu	2.7	1sw	1w	1w	,,	
20	10ni	9cu	4ci	7.7	1s	1nw	1w	light	
21	3st-cu	10-ni	10ni	7.7	3sw	2sw	2nw	slight	
22	5cu	1cu	0	2.0	4nw	1w	2ne	,,	
23	3cu	6cu-ci	6cu	5.0	1se	1w	3n	light	
24	0	0	0	0.0	2ne	3ne	4ne	slight	
25	0	0	5ci	1.7	1se	4ne	2ne	slight	
26	0	0	5ci	1.7	1se	2ne	1nw	light	
27	0	0	0	0.0	1sw	1n	1ne	calm	
28	10st	0	0	3.3	0	2ne	1ne	light	H.a.m. M. over sea
29	1ci	7ci	0	2.7	1ne	3ne	3ne	slight	
30	4ci	7ci	5ci	5.3	0	1ne	2ne	light	
31	9ci-st	4ci	0	4.3	0	1ne	0	light	
				2.90					

Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	4	2	4	4	12	1	1	3	31
14:30	2	13	0	0	0	7	6	3	0	31
20:30	3	10	1	0	1	7	3	5	1	31
Total	5	27	3	4	5	26	10	9	4	93

Number of days with rain 7, fog 1, thunderstorms 1, gale 0.

71 yr. av. number of days with rain during month 3.84